

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
25 August 2005 (25.08.2005)

PCT

(10) International Publication Number
WO 2005/077048 A3

(51) International Patent Classification:

C12Q 1/68 (2006.01) *C07H 21/04* (2006.01)
A01N 43/04 (2006.01) *A61K 31/07* (2006.01)

(21) International Application Number:

PCT/US2005/004060

(22) International Filing Date: 9 February 2005 (09.02.2005)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

60/542,987 9 February 2004 (09.02.2004) US
60/561,417 12 April 2004 (12.04.2004) US

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(81) Designated States (*unless otherwise indicated, for every
kind of national protection available*): AE, AG, AL, AM,
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY,
TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU,
ZA, ZM, ZW.

(84) Designated States (*unless otherwise indicated, for every
kind of regional protection available*): ARIPO (BW, GH,
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,
FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO,
SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN,
GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

- *with international search report*
- *before the expiration of the time limit for amending the
claims and to be republished in the event of receipt of
amendments*

(88) Date of publication of the international search report:
10 August 2006

*For two-letter codes and other abbreviations, refer to the "Guid-
ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.*

(54) Title: IMMUNE MODULATION BY REGULATING EXPRESSION OF THE "MINOR" GENE IN IMMUNE DENDRITIC CELLS

(57) Abstract: Mitogen induced nuclear orphan receptor (MINOR) is described as inducing apoptosis in dendritic cells (DCs). Downregulation of its expression results in a downregulation of apoptosis. A novel approach of inhibiting DC apoptosis is described employing small interfering RNA (siRNA) that targets MINOR. Improved DC-based vaccines exhibiting longer lifespan of DCs, increased potency of DCs, and enhanced immunogenicity are described.



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